Claims

1. A library of software program products, the library comprising a set of routines for an embedded software application requiring SW protocol layers, profiles and/or application code embedded on a processor, the library providing an interface between the software application running on the processor and the SW protocol layers and/or the profiles and/or the application code.
2. The library according to claim 1 wherein the interface is between the software application running on the processor and a telecommunications module.
3. The library according to claim 2 wherein the telecommunications module is the Bluetooth lower layer SW protocol.
4. The library according to claim 2 or 3 wherein the interface uses telecommunications controller interface communications.
5. The library according to claim 4 wherein the communications are HCI communications for communication with the telecommunications module.
6. The library according to any of claims 2 to 5 wherein the software application communicates with a telecommunications module for executing a telecommunications protocol.
7. The library according to claim 6 wherein the software application communicates with a hardware input/output interface.
8. The library according to any of the previous claims stored on a computer readable medium.
9. The library according to claim 8, wherein the medium is a CD-ROM or DVD-ROM or a memory or data storage device.
10. A telecommunications device with an interface towards an underlying operating system, to layers of a telecommunications protocol and optionally towards any hardware available for an embedded application.
11. The telecommunications device according to claim 10 wherein the interface communicates with the telecommunications protocol via telecommunications controller interface communications.
12. The telecommunications device according to claims 10 or 11, wherein the interface is an API.
13. Host processing system for executing the library of computer programs in accordance with any of claims 1 to 7.

14. An API for providing functions to a software application requiring SW protocol layers, profiles and/or application code embedded on a processor, the API communicating towards an underlying operating system, to layers of a telecommunications protocol and optionally towards any hardware available for an embedded application.

15. An API according to claim 14, wherein the API communicates with the protocol layers using HCI communications.

16. The API of claim 14 or 15 stored on a computer readable medium.

17. A method of embedding a software application requiring SW protocol layers, profiles and/or application code embedded on a processor, the method comprising: generating API for communicating towards an underlying operating system, to layers of a telecommunications protocol and optionally towards any hardware available for an embedded application.

18. Method of operating a telecommunications device with an interface towards an underlying operating system, to layers of a telecommunications protocol and optionally towards any hardware available for an embedded application.

19. The method according to claim 18, wherein the interface is an API.